

FULL TECHNICAL SPECS



9390 Paired - Power Limited Tray Cable 300 Volts

Total # Cond.	# Pairs				
18	9				
AWG	Stranding	Type	Insulation	Insulation Thickness (in.)	Shield
18	(19x30)	TC - Tinned Copper	PVC - Polyvinyl Chloride	.01600	Individual Pairs Aluminum Foil-Polyester Tape
Jacket	Jacket Thickness (in.)	Nom. Core OD (in.)	Nom. OD (in.)	Nom. Cond. DCR (Ohms/M')	
PVC - Polyvinyl Chloride	.0630	.5210	.6490	5.960	

For technical data, click the button below

[Tech Data](#)

or call 1-888-Belden8

For available colors, click the button below

[Put-ups & Colors](#)

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Description

Paired, 9 pairs, 18 AWG, stranded (19x30) TC - Tinned Copper conductors, PVC - Polyvinyl Chloride insulation, Individual Aluminum Foil-Polyester Tape (Beldfoil) shielded pairs with a 20 AWG stranded tinned copper drain wire, 100% shield coverage, sunlight resistant PVC - Polyvinyl Chloride jacket. Applicable Specifications: UL PLTC, ITC, CMG, C(UL) CMG, FT4, IEEE 1202. Flame Resistance: CSA FT4 Flame Test. Industrial Automation & Process Control Cables. These cables are suitable for installation in wet or dry locations. Cable jackets are sunlight resistant, impervious to moisture and vapor penetration, and non-propagating. Alternate conductor color coding is available as a special order. Multiple pair cables have each pair numbered for ease of identification. Individual pair shields are fully isolated from each other and contain a separate drain wire for grounding, to provide maximum protection from crosstalk and common mode interference. BELDFOIL is a Belden registered trademark.

Disclaimer: Great effort is made to ensure the accuracy of the information presented, but errors or omissions may occur. This listing of information is presented as a courtesy and does not ensure that a product with these specifications is available. Specification and availability should be confirmed with a call to our sales representative or to Customer Service. Have a question? Call us at 1-800-BELDEN-1 or send us a [comment](#)

04/30/02

TECHNICAL DATA

Customer Number • 000001

Customer Name •

To display Technical Data, enter a Product Code and press Go.

Product Code

9390

Go

Example: 9269

Product Search

TECHNICAL DATA

07-11-01 REV. 15

9390

I. DESCRIPTION:

9 PAIR 18 AWG (19 X #30) TINNED COPPER, PVC INSULATION,
BELDFOIL SHIELDED PAIRS WITH 20 AWG STRANDED TINNED
COPPER DRAIN WIRE, PVC JACKET WITH NYLON RIPCORD.

II. ELECTRICAL CHARACTERISTICS:

MAX. OPERATING VOLTAGE: 300 V RMS
MAX. CONTINUOUS CURRENT PER
CONDUCTOR @ 25 DEG. C: 4.1 A
NOM. CAPACITANCE BETWEEN
CONDUCTOR OF PAIR @ 1 KHZ: 61 PF/FT.
NOM. CAPACITANCE CONDUCTOR TO
SHIELD @ 1 KHZ: 112 PF/FT.
NOM. INDUCTANCE: .18 MICRO-H/FT.
NOM. CONDUCTOR DC RESISTANCE
@ 20 DEG. C: 5.96 OHMS/1000 FT.
NOM. SHIELD DC RESISTANCE
@ 20 DEG. C: 8.3 OHMS/1000 FT.

III. PHYSICAL CHARACTERISTICS:

TEMPERATURE RATING: -30 TO +105 DEG.C
INSULATION MATERIAL: PVC
JACKET MATERIAL (COLOR) PVC (CHROME SUN RES)
TYPE SHIELD AND % COVERAGE INDIVID. PR SHLD - 100%
MAX. PULLING TENSION: 666 LBS.
MIN. BEND RADIUS: 6.5"
NOM. WEIGHT/1000 FT.: 265.7 LBS.
NOM. CABLE DIA.: .649"
APPLICABLE SPECIFICATIONS: UL PLTC OR ITC OR CMG
OR C(UL) CMG, FT4,
IEEE 1202
FLAME RESISTANCE: CSA FT4 FLAME TEST

COLOR CODE :

BLACK & RED PAIRS

NUMBERED 1 THRU 9